



MEMO BOOK
SHEETS



Property of
Arthur Cronquist
New York Botanical
Garden
Bronx Park
Bronx, New York 10458
U.S.A.

Scientific drawings and
commercial value.

Reward for return

South African 231
Sept 2. 8:15 PM.

01-734-9841

11567

0.611

Flowering plants of the world.

Oxford Univ. Press.

Oxford, London, Melbourne. 1978.

V. H. Heywood, Consultant editor.

5 Sept. 1978

7.95 pounds U.K.

Rolf Dahlgren

Angiospermes

Taxonomy 4 vols

1974, 1975, 1975, 1976

Akademisk Forlag, Copenhagen

Silphium radula Nutt.

29-Aug. Fly to London.

1 pound 10 anoles,
2 pounds in cab

30-Aug. Work at Kew.

Look up types in Polemoniaceae and Hydrophyllaceae.

Talk to Philcox, Steyermark,
Harley , Steyermark
looked at ms on Piperaceae,
Rubiaceae. Philcox took ms
of Acanthaceae for copying.
Harley took ms of Lamiales
for copying. Talk to Peter
Taylor

Copy each ms on tube.

31 Aug. -

60 p. each way on tide,
talk to Cliff Townsend,
who looked at MS on
Amaranthaceae. Talk to Wm.
T. Stearns, who showed
me recent Heywood book,
inter alia. Talk to Margaret
Sant, who looked at Ms.
on Petrosaviae &
Triuridace, and showed
me slides of stem anatomy.
Get ms on Scrophulariaceae
back from Philcox, Lamiales
came back yesterday.

Look at miscellaneous
genera of Pedaliaceae,
Juicaginaceae, etc.

1 Sept.

HOP in trip to S. Kensington

A.M.

Looked at Nuttall's types
in *Salpignia*, *Naurellia*,
Phyllagia, *Gilia*.

Cutler, D.F. ~~in~~ 1972.

Leaf anatomy of certain
Aloe and Gasteria
species and their hybrids.

Research trends in
plant anatomy. (K.A.
Chowdhury Commemoration
Volume) ed by A.K.M.
Ghouse & M. Yunus Yunus.

pp. 103-122.

V. bundles of the leaf
of Aloeaceae characteris-

tically with wide,
thin-walled cells forming
~~across~~ a large cap at
the rhizom pole.

The colored sap, when
present is in these cap-cells

Raphide sacs in the
chlorrenchyma, but no
silica bodies to found

at B.M. & are ms of
Acanthocere to Stearn

at Judwell Feb, 1900
added to Keith's forest
Diseases. Cutler
proposed ms of *Phytolacca*
Juncoids, Alveocarite,

and showed me his large
living collection of Adelocer.

at Kew herbarium -
lashed at Syngnathophine
Lashed for Adenophora,
but ran out of time

2 Sept. Friday in London.
Arrive airport
ca. 6:30. Line to check in
from 6:45 to 7:50. Plane
to train at 8:15.

3. Sept. Arrive Capetown
ca 7 PM. Taxi (11+ rands)
to Kivetherback. Took
covered grounds. See

Grevia, Felicia,
Astotis, Gerbera, Impatiens,
various legumes, Polyscias, etc.

Find bus to Nobvay, then
to Copete want to get something
to eat. Then 2 buses back
again.

4 fept. 1 national holiday
in South Africa.

photos - 1 blank

2,3. *Grevia radlkofski*

4,5. *Silago thunbergii*

6 - Hills back of waterbosch

7 - tall Euphorbia

8 - *Isocarpnum esculentum*
(Proteaceae)

9,10 - *Protea cynaroides*

11 - A yellow-flowered composite.
Stems numerous, very narrow
filiform, heads discoid,
receptacles bristly, flowers
bright yellow, bracts with
wing + style branches with
short marginal stipules
divaricating, no awns,
short-hairy appressed
pubescence?

12 *Erigone apensis*, Rostkovius -
with a stalk of 6-8 dm. branches
with long slender axil 1/2 a
(large, narrow) & hairless
the main stem, giving
a wavy somewhat zigzag effect

13. *Berzelia lanuginosa*
(Brunn.) Griseb.
Shrub with ~~spikes~~^{Panicles} of
white heads, some extra-
floral nectaries at the
branches. Penesula ex-
clusively - ~~water~~ - ~~water~~ -

14. *Loranthus*, *clad.* - - -

5 Sept - Kent Field

27906

Burchillia pulchella

in Rubiaceal - as
an epiphyte, with epiphytic
mechanism,
twin to Dr. Burchill's of
"Loranthus, a mangrove"

will not be out. will be out
next day.

11587 - Spatella.

Proteaceae - "Fynbos".
dry stony open slopes
above Hermanus.

ca 150 m. slender shrub
4-5 dm. high, dirty
yellowish (2)

11588 Same place great gables
Sandstone barbitch
Serruria tmaemata var.
heterophylla. Perianth
3+1, segments dark red,
set on the back with
long white hairs. Sessile,
adnate to perianth. (2)

11589. *Fenaeaceae*

Saltexa sarcocolla.

Plant with a large, persistent root crown on 1.5 dm. axes, from which numerous slender stems arise. Flowers.

Tetrasporangia. Petals rich pink with white base.

Filaments white.
anthers rich pink.

Aldoma capitate. flowers
pink, ^{yellow} ~~white~~.

Forstiera Capensis,

radicle compact
with several filaments
long white.

Plots 18-26 17

Lemnaceae dominant

18-19 ~~Leucadendron~~ ^{Leucadendron} ~~Leucadendron~~

Leucadendron

Leucadendron austro australis

20 ~~Leucadendron~~ + ^{Leucadendron} ~~Leucadendron~~

21 22. ~~Leucadendron~~ ^{Leucadendron} ~~Leucadendron~~

23-26 ~~Leucadendron~~

Leucadendron austro australis

Leucadendron austro australis

27-28 ~~Grindelia~~ ^{Grindelia} ~~Grindelia~~

Shrub 2-3 m. Petals

1. white, 2. yellow

Tanward, pink flower,

branching shrubs

11591- *Penaea mucronata*
flexuous, sparsely branched
shrub 3-6 m. tall. Upper
leaves with anthocyanin.
margins crenate light yellow

11592- *Petzia capensis*
all above in frgbs. 300 m.
Simple or sparingly branched, clustered
stems to 8 dm. bracts distally scarious.
corolla tube red, tubes blackish, but
with white hairs esp distally.
percurrent.

Black & white 112

Grubbia reginae-aerfolia,
#11592.

3 + 4. *Penaea mucronata*

11591

5 & 6 - *Roridula*

743 Aug 21

2000' hospital on a high
ridge on the south side, ie

34. *Erica arborea*
Deciduous branching
Shrubs to 6m.

Leaves sticky, red at the
base, and a cent, nearly
white in between. The
spreading branches are
white at tops (2)
to 450m.

35. *Restio* *microspadix*
Forests bounded on
nearly 3m fallen granite -
in later clefts above
450m.

+ flower-heads gray-white

Photos 27-28 color.

27. *Brenia diffusa*.

the taller stems, plus

Lecanodendron Bergelia
(Brenia) 28- the
petiole is *Crinum pedunculatum*

29. *Mimetes quadrifolia*
(Proteaceae)

30-33- fields of *Lecanodendron*
Xanthophyllum

1907-08-09 Chrysanthemum

2325 ft. 1000 ft. S. of
Common yellow
in the hillsides
for miles. Flowers
yellow, 1 in. in diameter
moniliform
165 ft. 7 in.
Shrub ca 2-3 m. high
in fibros on plateau
shortly north of Peñalí
Beach. 70 km. east
of Hermas. Flowers firm.
Flowers epigynous. Petals
white, a little less than 1 cm
long. Stamens ca 25:
Carpels 8-10 (capsules
all connected across the top).
Mystaceae ? Sand
soil

turn around it
28127.4

Dr. I. J. M. Williams

The Bungalow

29 10th Street

Voelklip, Hermanns, So. Afr.

133.3 at Pealby beach jet
199.0 at Hermanns

It was Fernkloof station
A Reservoir was built in
the valley

and the dunes west
of Betty's Bay, a

Recallent, or newly-graduating
of the new class. Carillon
days and yellow daze.

S. elegans

2 days. The 5th
continued, a
desertion, but with
3 soldiers, who
a few days previous,
had all escaped, a
few hours before, to
the desert, and had
supplied themselves
with, but with little
success, from the streams
of water, which

app. calyx teeth.
4 tiny short styles (or
at least stigmas), maybe
only one developing at 1st

9 Sept: Color photos 1-6
at Cape. # 6 shows
symbols - Portulacae,
Boraginaceae, Asteraceae,
G.O.K.

3 & 4, often 4 teeth
are yellow rays of
Berkheya.

172802 hm at Cape,

119 96 annual.

Corolla with lobules sympetalous
with a 4-lobed upper.

Lip bearing 4 diversified
stamens, and no lower

lips, white with a
conspicuous orange-red
blotch on the upper lips,
standing west slope
overlooking the sea,
about 3 km. west of
Cape Point. In

July. (2) 500.

try Hebenstre, Ha. conspicua
or Dischisma.

11597. Same place as 11596
Shrub 5-8 dm tall with
an aethiopoides odor.
Heads white woolly, more
loosely and conspicuously
open (age 3)

Eriocaphalus. racemosus ~~L.~~

11598. same place as 11596
1 vegetated annual, with
woolly, spreading ascending
stems. 5 flowers, white,
with a broad brown
strip on the back. stamens
5, alternately short,
3 broad, intrastaminal
petals aligned with the
3 sides of the base of

~~Plant 3.~~ A very 3. located
with numerous smaller
and lighter colored
plants closely associated,
with a few larger ones.
Patches of 10-15 ft.
Stipa, - 10 ft.
Large tufted grasses mixed

Pharnaceum - Molluginaceae

Plants 7-10 inches
tall, light green,
smooth, with a few
dark brownish hairs
on the upper surfaces.
Leaves numerous - stiff
the leaves being about 1.

3- or 4 teeth on
yellow rays on a
succulent-leaved
Berkheyaid shrub.

10 Sept. *Arctotis arctotoides*
has 3-toothed rays.
Ursinia calenduliflora
has ~~3~~ 3-toothed, casually
2-toothed, or virtually entire
rays.

What appears to be another
species of *Ursinia* has
3 toothed or ± 4-toothed
rays (the short middle
ooth sometimes entire)

Uropappus spiciger has 3-toothed
rays, + casually

Urotrygon has a wide mouth,
with small incisor-like

Urotrygon has mostly
2-toothed, seldom 4-toothed
rays. (Anatolidae)

Urotrygon kuhlii has
2 toothed rays. (Anatolidae)

Urotrygon (Pezzani)
Cirysanthemus has
3-toothed rays. (Serranidae)

Urotrygon has mostly
2-toothed rays.

Anatolichthys has mostly
rays.

Thus *Arctotis acaulis*
auriculata
Gazania (?)
Krasiana
Grisolia sp.
chrysanthemoides
lutea (?)
Bertheya (?)
Arctotheca repens (?)

has "normal" rays, with 3
fascicled, or non-fascicled, 4
or 5 in 2 rows, not
more.

Scabiosa africana in the
Garden has ~~an~~ ~~only~~ raceme
sequence of flowering within
the head.

Col. on 13. 14. 15
observed at Cape
Kraeselin
16 Brunia
#2 of black & white Brunia
#11599 - ~~Brunia~~ Brunia

in the wet fynbos on
Cape Peninsula -
Shrub 1-1.5 m tall,
heads bright white,
visited by numerous
sorts of insects.

17-18 color.

Leucadendron, with
Green & Restionaceae.

Berkberg Spring camp.

3 & teeth. Small. low.
erected high up. spring.
rays neutral. yellow.
acceptable frayed - chaffy.
achenes spappose. 2.5 mm.
Another sp. of the same
flowers, but more robust,
and with perianth. spring
polyglossous has more often
3 teeth than 1. L.R.B.
try *Hippocratea* or
Gorteria Then on
Cullumia

Another whitish corolla.

yellow flower compound
leaves, the outer with 9
rays - appears a few leaves
rays obscurely 2-3 dotted

Thus became fl 600

Erodium subciliatum if 1:5 cm.

~~Oedera~~? *E. capense* if
vs. ± linear. *Anthemideae*

19-20. I. - *Erica* - *Ericaceae*,
Lolium and *Restionaceae* -
Proteas in background.

4 + 6 in blu. (5 black).

Restionaceae (background)
Protea (background),
one Ledum with other smaller
Proteaceae + *Erica*

Blu 7 - characteristic
seen, dominated by
Protea (the large shrubs)
and other Proteaceae, and
Erica and Restionaceae.

3 teeth on the rays of an
Anemone-like with crenules,
sleptis - big yellow, white
rays with a papilla of
several small scales
disk florets mostly ~~spreading~~
but apparently ~~sterile~~
receptacle long - branched
phyllaries imbricate,
detached, the inner
with broad spreading tip
leaves alternate
This becomes at 1160.

Reefs yellow above,
purple-brown beneath;
dark blackish - 18-23

~~Gaudichia? Gommia?~~ [?] Arctitis?

11607 - *Crassulaceae*.

Corolla whitish-green
The lower reddish brown
below.

These live on dry, open
sandy flats overlooking
the Atlantic, about 1 km.
inland.

What is the species low
shrub I have separatedly
with short dense
spikes of fls - 4 types,
& stems? Most bromian?

11 Sept.

Arctotis auriculata
has 3 teeth at ray tips
also another sp. of *Arctotis*

11603 - *Silaginaceae*, "P. d."
Corolla regular, the limb
5 lobed (each lobe 1/2 cordate),
lavender with "yellow" &
red eye.

Sandy soil. Centralynbos
West coast about 6 km. west
atlantis.

Linum austro-africanum ^{F. H. S.}
Linaceae F. W. Schmidt

Arctotheca calendulacea
has 3 teeth with rays.

Arctotis aspera has
3-toothed

11624-11 Sept. 1955
Cape Town, S.A.
(1955)

1. *Douglasia* - 1000 ft.
2. *Thunbergia* in
tall, tall clumps
3. *Pentanema* - diamond
5, 7 lobed, actinoid

stamens 5, entespalces,
united by their filaments
into a tube around the
appressed style

(3)

Claytia daphnoidea

baseine has an orange
and like ~~the~~ Euonymus
and is good classical

12 Sept. Forest at mouth
of Sixteen Gorge. Rose
to 100 ad. f. flowers
with light green ^{Chimaphila}
hypanthium and

white petals and spots.

Scutellaria. Fruit.

a reddish drupe 1/4 in.
thick or a little less, with
rather sharp points.

#11605. ^{Stems upright, 1-2 ft. tall.}
annual; petals & sep. white
in color; petals & sep. which
are petaloid.

Scutellaria is

oblique in Scutellaria
affinis. The arrangement
of seeds is strictly cymose.
Within a head, the outer
2-3 rows of figs with
lobulate corolla, bloom
in clockwise sequence.
There is only one

~~in~~ to many ap

the cans. Then the
rest of the lower part,
and the first 3 cans to
be covered by cement.
That part is the terminal
part.

10 cans 30 for gas
after 3 cans last night
27.2 & water

$$\begin{array}{r} 38 \\ \hline 272 \sqrt{1030} \\ 816 \quad \quad \quad 48 \text{ liters} \\ \hline 2140 \quad \quad \quad 662 \text{ km.} \\ 2176 \quad \quad \quad 48 \cancel{13.7} \\ \hline \quad \quad \quad 662 \\ \quad \quad \quad 48 \\ \hline \quad \quad \quad 182 \\ \quad \quad \quad 144 \\ \hline \quad \quad \quad 380 \end{array}$$

13.7 hours per 60°

$$\frac{5}{8} \times 13.7 = \frac{68.5}{8} = 8.6 \text{ miles per hr.}$$

Following the same
method as before, we can
say that the 100°
meridional is nearly
parallel to the

13. Dec. 1911
13. Dec. 1911. (See plate 2)

Also common

Thelypteris subcordata

Typhocion pinnatifid

Asplenium spp.

Asplenium nidus L.

Lindsaea lichenoides (L.)

Skittery Cloot - -
a number of which

20 ~~just~~ ^{just} 100
Oval ^{shaped} ~~shaped~~
Elongated ~~shaped~~
Auger ~~shaped~~ -
Psilocaulon

21 ~~just~~ ^{just} 100

- Ar Lai L Sze

22 ~~just~~ ^{just} *Didymosphaera applanata*

20 *Lithophragma camptophyllum* -

31 Same as 20 - -

21 ~~just~~ ^{just} *Leptostomum* *lanceolatum*

Psilocactus giganteus
var. monstrosa

Trichocactus sp. sp. sp.
var. diff. sp. sp. sp.
Ritterocactus sp. sp. sp.

14 Aug. 1962 - 33
Kanac Lk. side

Trichocactus sp. sp. sp.
var. diff. sp. sp. sp.

14 Aug. 1962 - 33

11626 - 14 -

12 miles NW of
Lakewood (Michigan
Road), ca. 2300 ft
in dry hollow
soil. Opened previous
~~fall~~ in white ~~purple~~ ~~blue~~
petals, 5 ~~stamens~~, 4 ~~one~~
anthers, 3 stamens 5 pairs
stamens in whorls
~~Claytonia blanda?~~

35. Color.

Alae - mitiformi

and its dorsal stripe

is similar to Stresemanni
but the margin of
the alae is irregular, not
regular and the
margin of the alae
forms a definite line

2. The alae are long and
wide, with a regular and
irregular line

11607 - slender,
erect shrub 2-4 m.
Petals 4, stamens 8.
Anyberg area.
Well drained rocky
quartzite slope
- along river -
somewhat shrubby
community

Hymania capensis (Thunb.)
Lindl.

Aitonica (?)

Filaments connate at the
base. Ovules 2 per locule.
Locules 4.

Bulbiferous spp. with
perennial and ephemeral
annual leaves.

B. fruticosa has perennial

A numerical survey of the
Genera of Aloinaceae.

(-National)

Nat. Cact. & succ. J.,
22(3). 71. 1967.

<u>Gasteria</u>	Leptaloe
<u>Poellnitzia</u>	Chortolomia
<u>Aloe</u>	kniphofia
<u>Lomatophyllum</u>	Notoscoparia
<u>Astroloba</u>	
<u>Haworthia</u>	
<u>Aloinella</u>	G. D. Rowley
<u>Chamaeake</u>	
<u>Gasterium</u>	

The evolution of
late-Quaternary
palaeoclimates of
southern Africa.

Er M. van Zinderen Bakker,
Snr.

Journal? date?

160-202

Aloe kniphofioides
has deciduous leaves

- 1. My hand has pain in
- 2. 3 species? appear to be
longer and smaller
- 3. slender petioles, 1.5-2
at. distal 4 leaves
at ground

Review of the genus
Stropharia ~~mutata~~

Very similar to *mutata*
but with a different

Cap slightly definitely
hump-shaped. Stem
in spots. Spores
like in *Flavipes*
but very distinct

13 Sept
Mystrope talon
thomii

parasite on roots of
Protea

Persianic of ♂ fls.
bilobate, upper lip
perhaps of 2 lobes,
lower apparently of
one. 2 stamens attached
to upper lip, one on each
side!

♀ fls. bilobes, perianth
apparently clothed with
light-colored hairs.
Style sticks out with
apical stigma.

16 Sept.

36. *Dicella trollii*
and *Uncaria* sp.

(Fedoraceae, with
yellow flowers)

In background, ~~the~~
columnar is *Alluaudia*
ascendens

Adenia terminalis

(Passifloraceae, ")

coconut-like

monocot, well developed

opposite leaves, tiny flowers

Perkins sp. is seen

Apocynum (Apocynaceae)

pathway leaves coarse

shrub, grapes last until

set no tendrils, not climbing

2/21/1945

Einzelheiten

17 Sept. evening

Athens - late afternoon

18 Sept. dawn Athens

late afternoon

19 Oct. 2nd year flowering

has produced a lot of soft

yellowish flowers.

stem up to 0.3 m. tall

but the flowers are

definitely larger than

the old

stipule in 1st year
exceeds protuberance

terminal bud, and is

erectious

2 March 1960

Franklin

1000 ft. above sea level

1000 ft. above sea level

1000 ft. above sea level

! all the world is one
separately little

1911-12-12

1922-1923

Capitella capitata

3 - 22 Jan 1967 - 1000 ft.

— 1 —

1

1

221

50

1

3

— 7 —

— 10 —

Cross road and take
trail double of into
firagle for 160 yards see
less - mostly before
break

To go up river
River to Park
Headquarters.

21 Sept

11607

Winnipegosis
Reservoir
Alma Lake
Winnipegosis
Reservoir
Preston Lake
Cannington
Lake
Winnipegosis
Reservoir
Winnipegosis
Reservoir

2000 ft. - Aug. 10, 1920.

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— 1 —

Little man with a

white beard

and a white cap

and a white beard

and a white cap

and a white beard

and a white cap

and a white beard

and a white cap

and a white beard

and a white cap

and a white beard

and a white cap

and a white beard

and a white cap

Pendulib. *B. rigida*
small, thin, persistent,
pendulous, whitish,
the 2 main main
stems white, thinning -
at a regular rate
looks like a cactus.
Infl. paniculate.

Stems

Fl. epigaeic. Sepals
3. Petals -
3. Ovary -
3. Ovary -
3. Ovary -



Trichobius corynorhini



K. - *Adonis* (D. *Adonis*)
Sect. *Adonis* (D. *Adonis*)
axile (i.e. ex parte)
hypoleptic (i.e. *adaxial*)
flavif (yellowish) and
foliol (leaflet). The
pinnule (i.e. *adaxial*)
enveloped (i.e. *adaxial*)
attached (i.e. *adaxial*) also
and (i.e. *adaxial*) and
under the leaf (i.e. *adaxial*)
The *adaxial* - *anterior*

1. *Spizella breweri*
Tingue, 1900
Carrizo, 1900
Meadowlark, 1900
Wren-tit, 1900
-
2. *Spizella breweri*
Tingue, 1900
Carrizo, 1900
Wren-tit, 1900
-
3. *Spizella breweri*
Tingue, 1900
Carrizo, 1900
Wren-tit, 1900
-
Canyon, 1900

170 the small one

the small one



2000 m. with 1000 m. will
not be a great deal.

Apples
and a very few
Conifers.

Shrub 2 m. tall.

white

Luminitzera ^{ramosa} ~~coccinea~~

(Combretaceae)

Fl. 10 ft. tall

Sc. Y., bipinn. hydropathic
(Rubiaceae) 10 ft. tall,
white flowers

Compound leaves

white flowers

Compound leaves

10 ft. tall, flowers white

2 ft. tall, flowers white

Cerbera odollima L.
(Rubiaceae) ...

Scyphacidae
Hedgpeth (1952)
Hedgpeth (1952)

Scyphacidae
Whitehead & Kuck
Luminifera racemosa
~~Whitehead & Kuck~~

Scyphacidae
~~Whitehead & Kuck~~

vs pale beneath

Scyphacidae
Whitehead & Kuck

26 to aeroplane
cab. 1a\$5 U.S.

26-best note Lincoln.
A lady broadly winged
bird that I do not immediately
place in family. Feathers
alternating, semipale (but
with a black point),
shortly rufous-brown.
Infl. terminal, exserted,
narrow-lipped but not stiff,
bractless. Flowers perigynous
Calyx & closely valvate.
Corolla symmetalous,
5-toothed, white stamens
at first midway in the
corolla tube, alternate
with the corolla-tubes
Style with 4 divaric.
stigma. Ovary superior,
with the base 4-lobed

and I am. Quis?

Perhaps Caudicidace,
in the Braganzas?

27. *Ketulabu*

53360

avisser

1940, 1941, 1942, 1943

16. 17. 18. 19. 20. 21.

12. 17.2.

KKC 3708.11

33. *Chlorophytum*

1970-1971

6/15/03 2:8 3

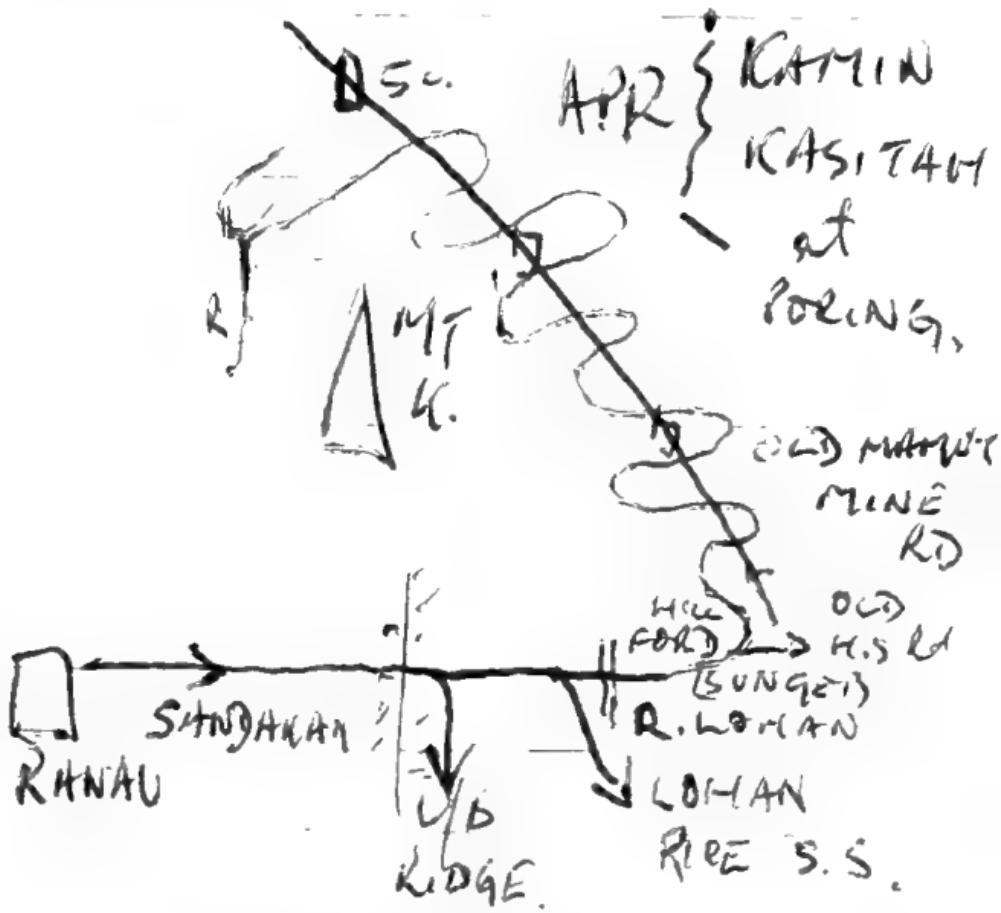
- Classification

24, 25, appear to me to be in
transition from *staphylina* to
this is the first.

1. *Zanga bicolor* *staphylina*
with 3 white, 1 pinkish,
upper and 2 pink, 3
white pink, a large
labellum, & vertically
not no other filamenta
with a typical

A silvicolous tree
multi-stemmed / pinnately
compound leaves, basal
glabrous clusters of
pendulous silvery lobed sprays
yellow flowers.
Loranthaceae?

PHENESIA LOCATION.



DEBEL. ANG LEE
TIN.

Temp Park for Raaan

29 Sept 1895 A.M.

3386 -

Color 26, 27,

Thompson's Agave

in Germany.

Kamin P.R.

Color 3134 - Esognathus
St. L. - Acanthocephala
Leptothrix

Leptothrix

Thrixosoma

2200'

On the south side of the valley

The coniferous forest up
the valley is replaced by a
broad leaved and Dacrydium
with some broad leaved trees.

On the south side of the valley

Engelmannia is abundant

1. *Reproduction*

2. *Classification*

3. *Evolution*

4. *Relationships*

Relationships between

Classification & Evolution

3 Oct. - Peacock
3462

at KK. \$4 Malaysian Tax
= 82 ~~24.5~~ US

at Langkawi & Cetina
tax = 25 US.

at Maumere

5260 francs tax
beer tax
287.20 US

Gladiolus mucronatus
Nodding Gladiolus
Flowers golden-yellow.

With ~~the~~ of the

Castro, Antonio

11. 1. 1951

1. *Leucania* *luteola* (Hufnagel) *luteola* (Hufnagel)

Slow and stiff in action

— 1 — 20 — 22 — 24 — 26 —

and I am not.

Editorial Note

Fig. 11. *Leptothrix*

After the last meeting

200 446.25 12224

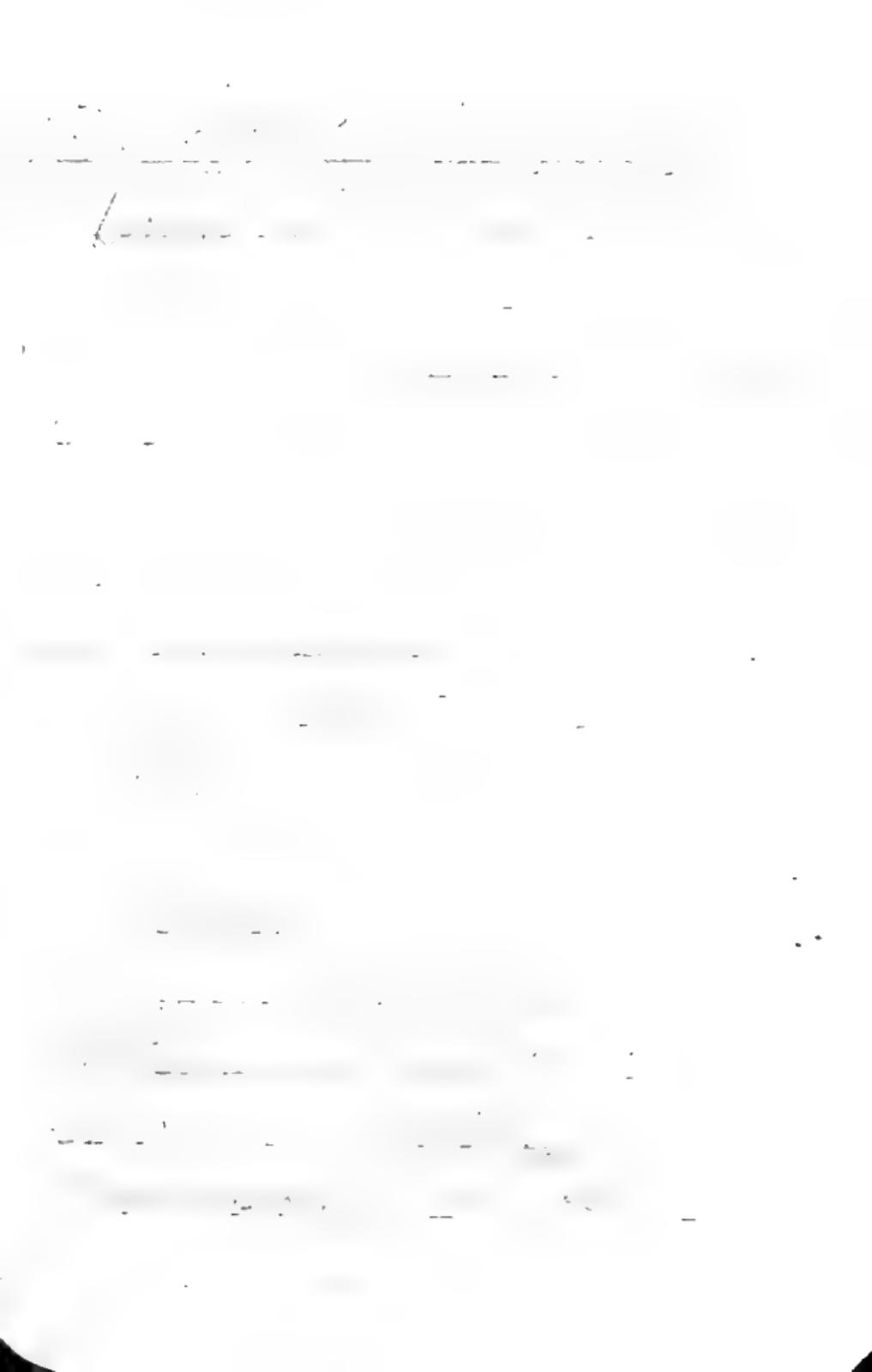
Feb 21st 1861 - 1862

This is Cordyline

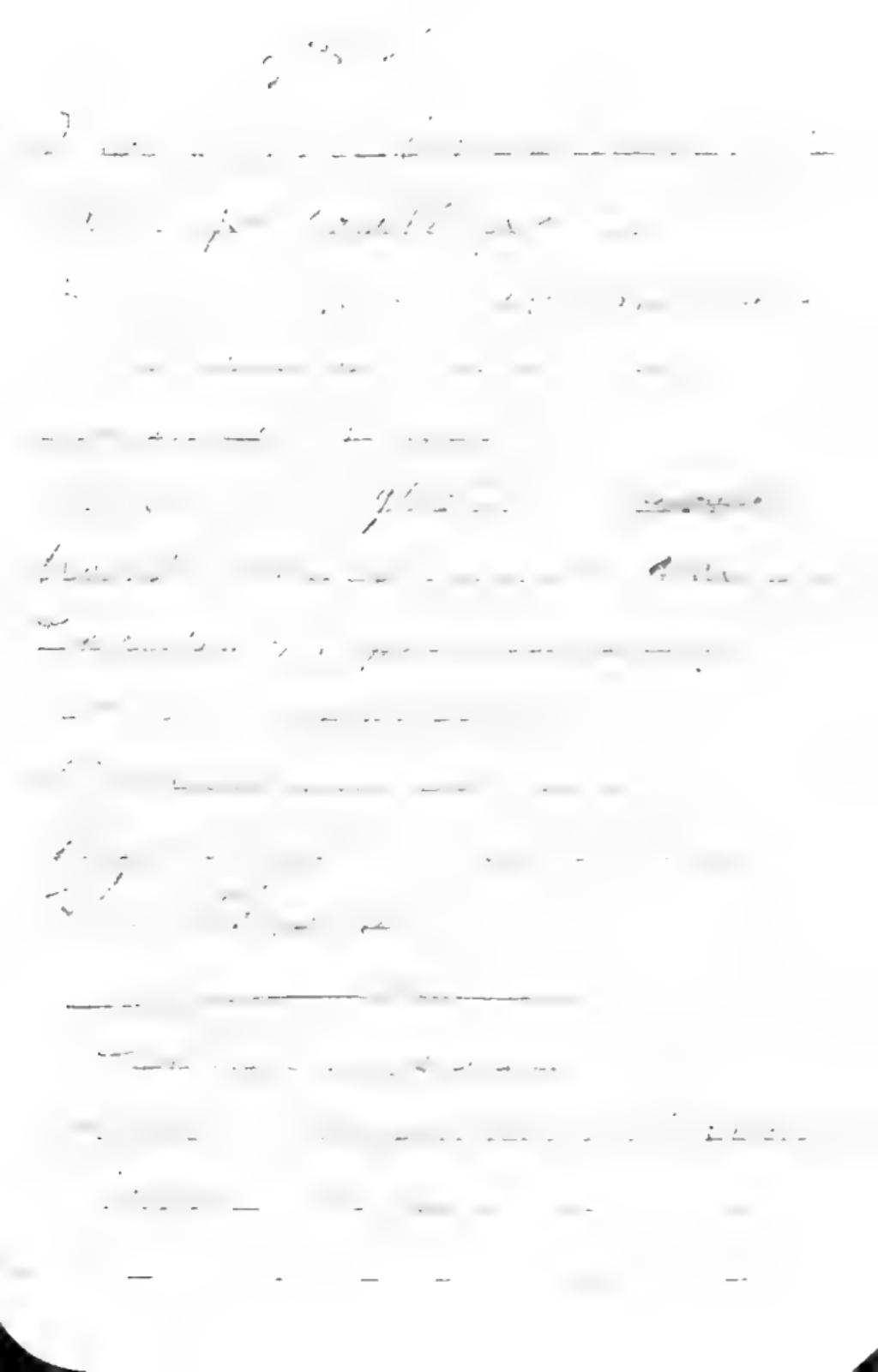
11, 12, colors, Oncotheca

7-10 days ago
D. n. var. Fawc.
ex. King's plant &
walk.

260



120



4 hours ago with 15000

6000000, 7000000, 8000000

10000000, 11000000, 12000000

13000000, 14000000, 15000000

16000000, 17000000, 18000000

19000000, 20000000, 21000000

22000000, 23000000, 24000000

25000000, 26000000, 27000000

28000000, 29000000, 30000000

31000000, 32000000, 33000000

34000000, 35000000, 36000000

37000000, 38000000, 39000000

40000000, 41000000, 42000000

43000000, 44000000, 45000000

Die ~~erste~~ ^{erste}
lineale ~~nummer~~
— — — — — 16,
getreptz

G. RUSCHEL
ENTDECKT VON LUDVIG
Private Bag

H. C. W. T. and
from before the moment
of the writing
R. W. T.

England and Scotland
and the Irish Islands

12. The British Isles

13. The British Isles

14. The British Isles

15. The British Isles

16. The British Isles

17. The British Isles

18. The British Isles

encore certi chemist.

Amborella

Trimenia

Paracryphia

Winteraceae

Balances

Aiseasmachile

31. *Thlaspi codonatum*

Astrobla + neocaledonica

is more likely than

Laat beginnen de lief

· Teraut-ting, Wabash
perennial grass with

butts. of leaves of
uncertain description.

pitifully little
hallowed out, apparently
natural recesses like
no other elsewhere
existing.

Altitude 32, 33.

Walls -

12' - 15' thick
at least.

Walls -

12' - 15' thick
at least.

Walls -

Mon. Dynamic

— 1 —

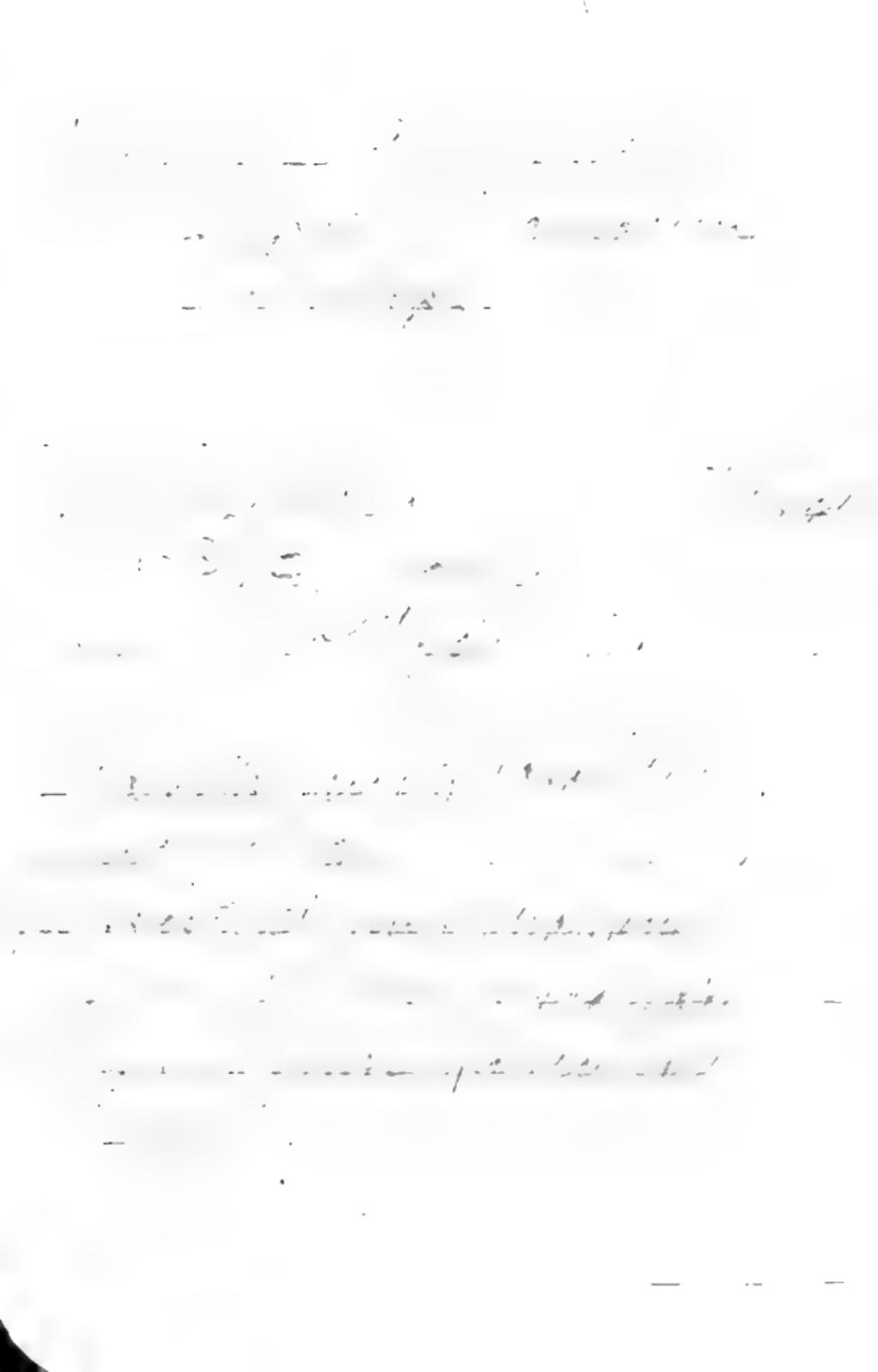
Fig. 44. 12-13

2007-08-01 10:00:00

Leave about 10:00 AM
Arrived at ~~the~~ ^{the} B. & B. about
Midday to ~~the~~ ^{the} B. & B.

10:00 AM - ~~the~~ ^{the} B. & B.
~~the~~ ^{the} B. & B. ~~the~~ ^{the} B. & B.

Highway 101
Continued on
Highway 101
to ~~the~~ ^{the} B. & B.



1. Geological
2. Geographical
3. Botanical
4. Zoological



13, Act

Stem - 1.5 m.

Leaves - 1.5 m. with 10-12
branches, 2-3 cm. wide
and 10-12 cm. long.

Flowers - 1.5 m. high.
All middle & upper leaves
~~are~~ ^{are} splitting along
the cotyledonary line.

9, 10, 11 - Same person

Fruit small, clear,
nestling, waxy, having
the largest seed ~~and~~
with 3-4 fleshy - form
cotyledons.

3912.1 miles - -

12,13 - Forest circuit

14. French range -
- palm -

Little Mulgrave R.
230 km. SSW of
Cairns.

50 m.
tree 6 m

Experiments

172 Ca 70 26th May 1965

911435 *lycane*

1965-1966

the following day.

An opposite-leaved
tetrasporangiate
sympet. regular.

4 strobili at lobes
of leaf at the base.
Curved over the anthers
& joined at together
anthers superior,
bicellular, & is only
a little place.

Budding out?
Leaf-margins connate
at base.

For a while for
parent Grafton
Mitrosa and sp.

with each
other
but
not
with
the
other
two.

It is
not
the
same
as
the
other
two
but
it
is
not
the
same
as
the
other
two.

It
is
not
the
same
as
the
other
two.

Send specimen
to me via Philesia
and herbarium

Cyperus tachys Lestib
1000 ft. Armidale

Mrs. Po Woodland
C/o Botany Dept.
Univ. of New England
Armidale, NSW, Australia
for info on insecta
herbivora & epiphytes

Region of the Arctic,

Chukchi Sea, Chukchi, Chukchi,
Chukchi, Chukchi, Chukchi, Chukchi,

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi

Chukchi ~~Chukchi~~
Chukchi

Beechman Range,
ca 13 km southwest
of Corinna. wet
sclerophyll forest
of Eucalyptus, with
a fairly well developed
understorey. Elev. ca.
600 m. Densely
loose, twining vines,
climbing to 6 m.
Stems ca 10 '5

22. 23. Bird nest fern,
Asplenium australasicum

Tasmania
shrub 3m. Sppals 2,
2 km. n. of Meegan

22nd to 23rd April
L. & G. 1000000000.
24th April 1900

25th April 1900
L. & G. sp.

26th April 1900
L. & G. sp.

27th April 1900

28th April 1900

29th April 1900
L. & G. sp.

30th April 1900

On the 10th of October
the camp was broken

and the men

strung out in a line
and marched on to
the village

of Chitral

On the 11th of October
the camp was broken
and the men

Codonosaurus

1. *Codonosaurus* *leptostomus* *leptostomus*

2. *Codonosaurus* *leptostomus* *leptostomus*

3. *Codonosaurus* *leptostomus* *leptostomus*

4. *Codonosaurus* *leptostomus* *leptostomus*

5. *Codonosaurus* *leptostomus* *leptostomus*

6. *Codonosaurus* *leptostomus* *leptostomus*

7. *Codonosaurus* *leptostomus* *leptostomus*

8. *Codonosaurus* *leptostomus* *leptostomus*

9. *Codonosaurus* *leptostomus* *leptostomus*

10. *Codonosaurus* *leptostomus* *leptostomus*

11. *Codonosaurus* *leptostomus* *leptostomus*

12. *Codonosaurus* *leptostomus* *leptostomus*

13. *Codonosaurus* *leptostomus* *leptostomus*

22-2 *Doryanthes excelsa*
Fernbank Forest Reserve
Highland region of
Kaffraria, South Africa

22-2 *Doryanthes excelsa*
Fernbank Forest Reserve
Highland region of
Kaffraria, South Africa

Doryanthes excelsa

5 M VELLON

Pleopods detached
marked. I needed to
knit a spider. The
2: effect of 24th &
I learned well
of organization A Cysto
of detached 2: 24th
of organization 2: 24th
2: 24th only 1000
2 locus detached
2 organization
2 organization

2000 ft. above sea level.
1000 ft. above sea level.

Mr. Johnson
with his
wife and
children

T. ericifolia (Tremblea ericifolia)
"Spoon pith" .
"Stems prostrate .
"Leaves suberect &
single whorl .

T. ericifolia

1163. Ku-Ping, Gai Chai
Nat Park, Castelnau
m. of Lijiang, Yunnan
2000 m. - West Hail Road
"Spoon pith" .
Tremblea ericifolia
"Spoon pith", leafy twigs
showing to whorl .

11637 -

Conospermum ~~pa~~
+ tax. folium

1-2 m. vert. simple
arflex branched lvs
up to about 8 dm.
fls. whitish.

11638 - Leucopogon

microphyllus,

wiry branching shrub
up to about 1 m.
fls. white

? 2 photos of ~~base~~
~~clad~~ - 3. cf -

11639 - Keweenaw

rubidum

Sp. - 1.5 m. with 1.5 m.
in diameter + 1.5 m.
in height

2.5' b.

2.5' additional

7.5' additional

styleless

11640 - Keweenaw

lignosus

4' high - opposite pair - 1.5 m.

6' diameter - species?

Wavy - dark brownish

yellowish green -

styleless

— 4 —

Ducke Hole ~~Branch~~

Entrance 2.1.1920 53

Wetland

ca. 250m.

24 Oct.

Encalypta ilicis

25 Oct.

Isopodales calyptratae
~~et lobuliferae~~ var.

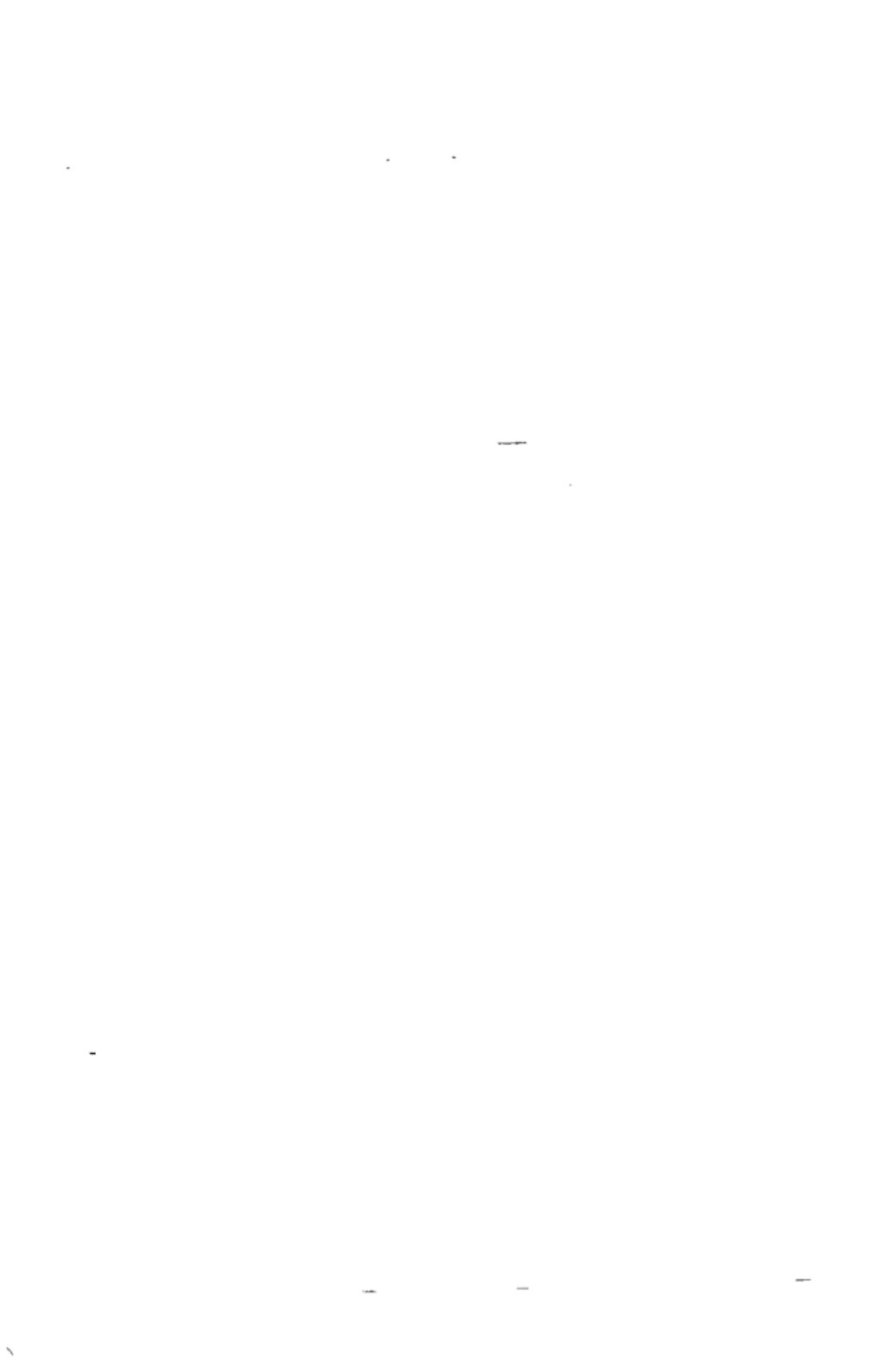
Large and large calyptratae,
small and small lobuliferae,
at least 50 specimens
in and out of
the moss in which

Cenomanian

for oldest Proteaceous
pollen

81 - 100% ^{100%}
100% ^{100%}
200% ^{100%}

200



14 Atherton

15 Atherton

16 Atherton

17 Atherton

18 → Brisbane

19 Brisbane → }

20 Coffs Head }

21 Coffs Head }

22 → Sydney ↓

23 → Sydney

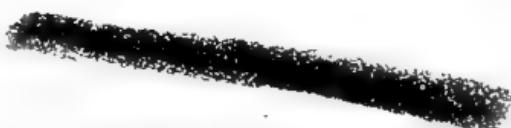
24 → Sydney

25 Sydney

26 Leave Sydney









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Zgrobówka





42881

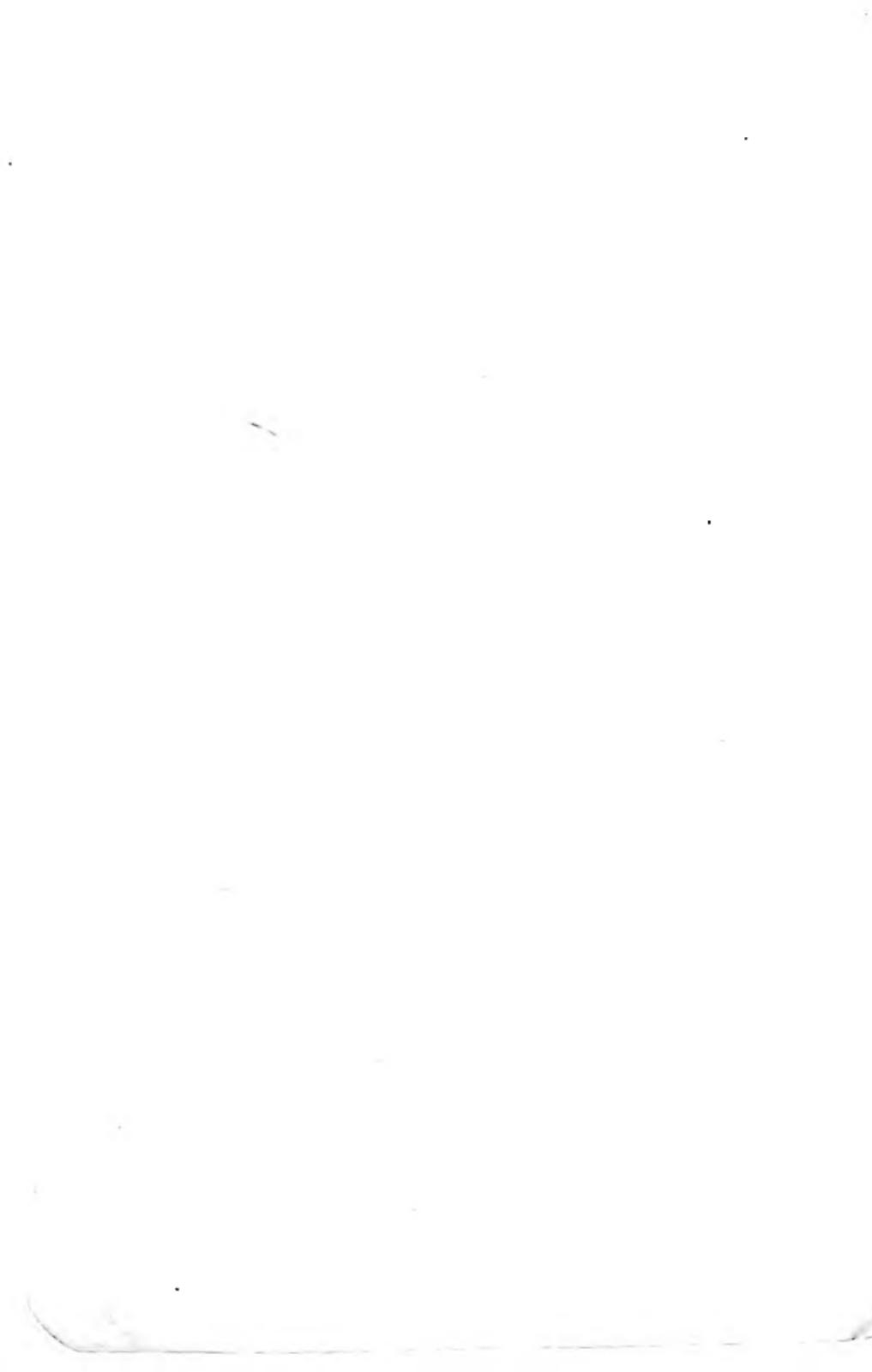
51501

10 E 53

11/11/04



May 15 1981 4:11
B. Morgan & Son
Koke limestone





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L.I., NEW YORK 11577
MADE IN TAIWAN

100 SHEETS